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FAX COVER SHEET

Date:

March 17, 2004

Fax:

(703) 872-9306

To:

U.S. Patent and Trademark Office

From:

Brian C. Kunzler

Re:

Patent application No. 10/040,061

Number of Pages including cover: 5

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March 4, 2004

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Via Facsimile: (703) 872-9306

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RE:

U.S. Patent Application Serial No.:

10/040,061

Title:

A SPIN-VALVE SENSOR WITH PINNING

LAYERS COMPRISING MULTIPLE ANTIFERROMAGNETIC FILMS

Filed:

January 4, 2002

Inventor:

Tsann Lin

Your Ref.:

SJO920000145US1

Our Ref.:

1200.2.25

Dear Sir:

Attached is a Petition for an Extension of Time for the above referenced patent application. A Notice of Appeal has been sent separately for this application, by first class mail. Please accept this Petition for an Extension of Time.

Respectfully submitted,

Brian C. Kunzler

Reg. No. 38,527

Attorney for Applicants

Date: March 17, 2004
8 East Broadway, Suite 600
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MAR 1 7 2004

PATENT

IN THE UNITED STATES

OFFICIAL

PATENT AND TRADEMARK OFFICE

APPLICANT(S):

TSANN LIN ET AL.

SERIAL NO.:

10/040,061

FILING DATE:

JANUARY 4, 2002

TITLE:

SPIN-VALVE SENSOR WITH PINNING LAYERS

COMPRISING MULTIPLE ANTIFERROMAGNETIC

FILMS

EXAMINER:

VIVEK D. KOPPIKAR

GROUP ART UNIT:

3626

ATTY. DKT. No.:

SJO9-00-145

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON THE DATE SHOWN BELOW:

DATED:

3/17/04

BY: BRIAN C. KUNZLER, REG. No.: 38,527

COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

PETITION FOR EXTENSION OF TIME

SIR:

APPLICANT HEREBY PETITIONS FOR AN EXTENSION OF TIME OF

TERM OF EXTENSION	Small Entity	OTHER THAN A SMALL ENTITY
[] 1 MONTH	[] \$ 55.00	[] \$ 110.00
[x] 2 months	[] \$210.00	[x] \$ 420.00
[] 3 MONTHS	[] \$475.00	[] \$ 950.00
[] 4 MONTHS	[] \$740.00	[] \$1,480.00

for responding to the Patent Office communication mailed October 20, 2003

PATENT

Enclosed herewith is payment in the amount of \$420.00 for the fee for the extension of time, calculated as indicated above.

Respectfully submitted,

Brian C. Kunzler, Reg. No.: 38,527

Attorney for Applicant

Dated: March 17, 2004

8 East Broadway, Suite 600 Salt Lake City, Utah 84111 (801) 994-4646 (801) 531-1929 Fax \$ 420

TOTAL AMOUNT OF PAYMENT

PTO/SB/05 (12/97)

Approved for use through 9/30/03. OMB 0851-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 10/040,061 **Application Number FEE TRANSMITTAL** January 4, 2002 **Filing Date** First Named Inventor Tsann Lin **Group Art Unit** 3626 Note: Effective October 1, 2001. Patent fees are subject to annual revision. Vivek Koppikar **Examiner Name** SJQ920000145US1

Attorney Docket Number

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)						
The Commissioner is hereby authorized to charge		3. ADDITIONAL FEES						
indicated fees and credit any over payments to:	Large Entity Small Ent							
Deposit Account Number: 09-0466	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Pald		
Deposit Account Name: IBM CORPORATION		130	2051	65	Surcharge - late filing fee or oath			
Charge Any Additional Charge the Issue Fee		50	2052	25	Surcharge - late provisional filing fee or cover sheet			
Fee Required Under In 37 CFR at the Mailing of the Notice of Allowance	1053	130	2053	130	Non-English specification			
	1812	2520	1812	2520	For filling a request for reexamination			
2. Payment Enclosed:	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
☐ Check ☐ Money Order ☐ Other	1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action			
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month			
1. FILING FEE	1252	420	2252	210	Extension for reply within second month	420		
T. TEMOTES	1253	950	2253	475	Extension for reply within third month			
Large Entity Small Entity	1254	1480	2254	740	Extension for reply within fourth month			
Fee Fee Fee Fee Description Fee Paid	1255	2010	2255	1005	Extension for reply within fifth month			
Code (\$) Code (\$)	1401	330	2401	185	Notice of Appeal			
1001 770 2001 385 Utility filing fee	1402	330	2402	165	Filing a brief in support of an appeal			
1002 340 2002 170 Design filing fee	1403	290	2403	145	Request for oral hearing	L		
1003 530 2003 265 Plant filing fee	1451	1510	1451	1510	Petition to institute a public use proceeding			
1004 770 2004 385 Relssue filing fee	1452	110	2452	55	Petition to revive - intentional			
1005 160 2005 80 Provisional filing fee	1453	1330	2453	665	Petition to revive - unintentional			
SUBTOTAL (1) \$0	1501	1330	2501	865	Utility Issue fee			
	1502	480	2502	240	Design Issue fee			
2. CLAIMS Fee from Extra below Fee Pald	1503	640	2503	320	Plant Issue fee			
Total Claims -20 = x 18 =	1460	130	1460	130	Petitions to the Commissioner			
Ind. Claims -3 * x 86 *	1807	50	1807	50	Petitions related to provisional applications			
Multiple Dep. Claims 0 x 290 = 0	1806	180	1806	180	Submission of Information Disclosure Stmt			
Large Entity Small Entity	8021	40	8021	40	Recording each patent assignment per property (times number of properties)			
Fee Fee Fee Fee Description Code (\$) Code (\$)	1809	770	1809	385	Filing a submission after final rejection (37 CFR 1.129(a))			
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	5 For each additional invention to be examined (37 CFR 1.129(b))			
1203 290 2203 145 Multiple dependent claim	Other fe	e (specify)	•					
SUBTOTAL (2) \$ 0	*Reduce	ed by Basic	Filing Fe	Θ	SUBTOTAL (3) \$	420		

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name Brian C. Kunzler			Reg. Number	38,527	
Signature	120	Date	Mar 17, 2004	Deposit Account User ID	

Burden Hour Statement: This form is estimated to take 0/2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Mail Stop Assignments, P.O. Box 1450, Alexandria, VA 22313-1450.